

WHAT IS CLAIMED IS:

1. An air conditioner for a compartment, comprising:
an inside/outside air unit disposed for blowing air introduced therein;

an air conditioning unit for cooling and heating air blown from the inside/outside air unit, the air conditioning unit being disposed to adjust temperature of air to be blown into the compartment;

a plurality of pins provided on at least one of the inside/outside air unit and the air conditioning unit;

a plurality of attachment portions each of which has a hole, the holes of the attachment portions are provided in the other one of the inside/outside air unit and the air conditioning unit at positions corresponding to the pins; and

a fastening member which fastens both the inside/outside air unit and the air conditioning unit after the pins are fitted into the holes of the attachment portions, respectively,

wherein at least one of the pins has an engagement portion that is engaged with the corresponding attachment portion in a direction crossing with an insertion direction of the pin into the hole.

2. The air conditioner according to claim 1, wherein the engagement portion is a hook portion protruding to in a direction crossing with the insertion direction of the pin into the hole, and is provided at a top end side of the pin in

the insertion direction.

3. The air conditioner according to claim 2, wherein:

the attachment portion has a plate portion defining the hole, the plate portion having a flat surface and a predetermined thickness;

the hole is provided in the plate portion to penetrate through the plate portion; and

the hook portion is engaged with the plate portion of the attachment portion.

4. The air conditioner according to claim 2, wherein

the hook portion is at an upper side of the pin in a vertical direction.

5. The air conditioner according to claim 2, wherein

the hook portion is at a lower side of the pin in a vertical direction.

6. The air conditioner according to claim 2, wherein:

the pin is provided to protrude to the insertion direction from a wall surface of the one of the inside/outside air unit and the air conditioning unit;

the hook portion is provided to form a recess between the hook portion and the wall surface; and

the plate portion of the attachment portion is disposed to be engaged with the recess after the pin is

inserted into the hole.

7. The air conditioner according to claim 6, wherein:
the pin is disposed to be inserted into the hole horizontally; and

the plate portion of the attachment portion and the recess are engaged in the vertical direction.

8. The air conditioner according to claim 6, wherein
the predetermined thickness of the plate portion is approximately equal to a dimension of the recess in the insertion direction.

9. The air conditioner according to claim 2, wherein:
the pin is provided in the inside/outside air unit;
and

the hook portion is disposed to protrude downwardly in the vertical direction.

10. The air conditioner according to claim 2, wherein
the hole is an elongated hole.

11. A connection structure of first and second units comprising:

a plurality of pins disposed on a first case of the first unit;

a plurality of attachment portions disposed on a

second case of the second unit, each of which has a hole at a position corresponding to each pin;

a fastening member which is disposed to fasten both the first and second cases after the pins are fitted into the holes of the attachment portions, respectively,

wherein at least one of the pins has an engagement portion that is engaged with the corresponding attachment portion in a direction crossing with an insertion direction of the pin into the hole.

12. The connection structure according to claim 11, wherein the second case is connected to the first case at a relative upper side to have a bottom surface upper than a bottom surface of the first case.

13. The connection structure according to claim 11, wherein the engagement portion is a hook portion protruding to in a direction crossing with the insertion direction of the pin into the hole, and is provided at a top end side of the pin in the insertion direction.

14. The connection structure according to claim 13, wherein:

the pin is provided to protrude to the insertion direction from a wall surface of the first case;

the hook portion is provided to form a recess between the hook portion and the wall surface;

the attachment portion has a plate portion around the hole; and

the plate portion is disposed to be engaged with the recess after the pin is inserted into the hole.